

ANNUAL REPORT FOR  
1948.

TO  
THE PERSHORE RURAL DISTRICT COUNCIL.

BY  
J. J. MURRAY, M.B., D.P.H.  
(District Medical Officer of Health).

AND  
J. W. HOLMES, M.S.I.A..  
(Chief Sanitary Inspector.)





TO THE CHAIRMAN AND MEMBERS OF THE PERSHORE RURAL DISTRICT COUNCIL.  
MR. CHAIRMAN, LADIES AND GENTLEMEN.

I beg to present my Report on the Health of your District for 1948.

VITAL STATISTICS.

Registrar General's Population Estimate - 15,110.

| <u>BIRTHS.</u> | <u>Males.</u> | <u>Females.</u> | <u>Total.</u> |
|----------------|---------------|-----------------|---------------|
| Legitimate.    | 160           | 125             | 285.          |
| Illegitimate.  | 9             | 7               | 16.           |
|                | 169           | 132             | 301           |

STILL BIRTHS.

|               |   |   |   |
|---------------|---|---|---|
| Legitimate.   | 3 | 6 | 9 |
| Illegitimate. | - | - | - |
|               | 3 | 6 | 9 |

BIRTH RATE per 1,000 of estimated resident population - 19.9. 1947.  
22.1.  
STILL-BIRTH RATE per 1,000 total (live and still) births - 29.0. 21.3.

|                | <u>MALES.</u> | <u>FEMALES.</u> | <u>TOTAL.</u> |
|----------------|---------------|-----------------|---------------|
| <u>DEATHS.</u> | 83            | 72              | 155.          |

DEATH RATE per 1,000 of estimated resident population - 10.3. 12.9

Deaths from Puerperal causes:-

|                                   |   |                 |               |
|-----------------------------------|---|-----------------|---------------|
|                                   | <u>rates per 1,000 total (live and still) births.</u> |                 |               |
| Puerperal Sepsis                  | }   | Nil.            |               |
| Other Puerperal causes            |   |                 |               |
| Total.                            |   |                 |               |
|                                   | <u>Males.</u>   | <u>Females.</u> | <u>Total.</u> |
| Deaths of Infants under one year. | 7   | 6               | 13.           |
| Deaths of legitimate infants.     | 7   | 4               | 11.           |
| Deaths of illegitimate infants.   | -   | 2               | 2             |

DEATH RATES OF INFANTS UNDER ONE YEAR:-

All infants per 1,000 live births. 43. 40.  
Legitimate infants per 1,000 legitimate live births. 39.  
Illegitimate infants per 1,000 illegitimate live births. 125.

Deaths from Cancer (all ages). 29.  
Deaths from Measles (all ages). Nil.  
Deaths from Whooping Cough (all ages). Nil.  
Deaths from Diarrhoea (under 2 years of age). Nil.

Comparison with certain figures for the whole country is as follows:-

|                        | <u>England &amp; Wales.</u> | <u>District.</u><br>1948. | <u>District.</u><br>1947. |
|------------------------|-----------------------------|---------------------------|---------------------------|
| Birth Rate.            | 17.9                        | 19.9                      | 22.1.                     |
| Death Rate.            | 10.8                        | 10.3                      | 12.9                      |
| Infant Mortality Rate. | 34.                         | 43.                       | 40.                       |

# CAUSES OF DEATH.

The following Table gives the causes of death during 1948:-

| <u>CAUSES OF DEATH.</u>               | <u>MALES.</u> | <u>FEMALES.</u> | <u>TOTAL.</u> |
|---------------------------------------|---------------|-----------------|---------------|
| Typhoid and Para-Typhoid Fevers.      | -             | -               | -             |
| Cerebro-Spinal Fever.                 | -             | -               | -             |
| Scarlet Fever.                        | -             | -               | -             |
| Whooping Cough.                       | -             | -               | -             |
| Diphtheria.                           | -             | -               | -             |
| Tuberculosis of Respiratory System.   | 3             | 3               | 6             |
| Other forms of Tuberculosis.          | -             | 1               | 1             |
| Syphilitic Diseases.                  | -             | 1               | 1             |
| Influenza.                            | -             | -               | -             |
| Measles.                              | -             | -               | -             |
| Acute Polio-Encephalitis.             | -             | -               | -             |
| Acute Infectious Encephalitis.        | -             | -               | -             |
| Cancer of bucc. cav and oesph. (M)    | -             | 1               | 1             |
| uterus. (F)                           | -             | 1               | 1             |
| Cancer of stomach and duod.           | 4             | 2               | 6             |
| Cancer of breast.                     | -             | 4               | 4             |
| Cancer of all other sites.            | 11            | 7               | 18            |
| Inclusive Totals.                     | 15            | 14              | 29            |
| Diabetes.                             | -             | 1               | 1             |
| Intra-Cranial Vascular Lesions.       | 8             | 9               | 17            |
| Heart Disease.                        | 29            | 19              | 48            |
| Other Diseases of Circulatory System. | -             | 4               | 4             |
| Bronchitis.                           | 4             | 3               | 7             |
| Pneumonia.                            | -             | 5               | 5             |
| Other Respiratory Diseases.           | 1             | 1               | 2             |
| Ulcer of Stomach or Duodenum.         | 2             | -               | 2             |
| Diarrhoea under 2 years.              | -             | -               | -             |
| Appendicitis.                         | -             | 1               | 1             |
| Other digestive diseases.             | 2             | 1               | 3             |
| Nephritis.                            | -             | 3               | 3             |
| Puerperal Sepsis &c.                  | -             | -               | -             |
| Other Maternal causes.                | -             | -               | -             |
| Premature Birth.                      | 2             | 1               | 3             |
| Con. Mal. Birth Inj. Inf. Dis.        | 5             | -               | 5             |
| Suicide.                              | -             | -               | -             |
| Road Traffic Accidents.               | 4             | -               | 4             |
| Other Violent causes.                 | 1             | 2               | 3             |
| All other causes.                     | 7             | 3               | 10            |
| TOTALS.                               | 83            | 72              | 155           |



## GENERAL PROVISION OF HEALTH SERVICES IN THE AREA.

The Infectious Disease Hospitals came under the control of the Regional Hospital Board in July, 1948.

No difficulty has been found in obtaining admissions, and the transport system is satisfactory.

## SANITARY CIRCUMSTANCES OF THE DISTRICT.

### Water Supplies.

A total of 2,044 houses have a piped supply, mainly from Springs situated on Bredon Hills in the Overbury area. Analyses are satisfactory. A private mains supply to the villages of Elmley Castle and Little Comberton originating from another part of Bredon Hill has yielded unsatisfactory analyses. Temporary chlorination is being carried out whilst permanent apparatus is awaited.

By arrangement with the Cheltenham Corporation 110,000 gallons are supplied daily to the Pershore mains.

About 2,000 dwellings are solely dependent on shallow well supplies most of which are unfit for drinking by bacteriological standards.

Work has begun on the Coventry Scheme of obtaining water from the River Severn. It is hoped that the Council in the near future will be enabled to share in this supply.

There is no evidence of plumbo-solvency in this District.

Five boreholes have been sunk, but only one is satisfactory.

### ANALYSES.

#### (a) RAW WATER.

|                    |         |                      |   |
|--------------------|---------|----------------------|---|
| Bact. examination. | No. 17. | Satisfactory - 6.    | } including independent Parish Spring supplies. |
| Chem. examination. | No. 17. | Unsatisfactory - 11. |   |
| Chem. examination. | No. 17. | Satisfactory - 16.   |   |
|                    |         | Unsatisfactory - 1.  |   |

#### (b) TREATED WATER.

|                    |        |                        |  |
|--------------------|--------|------------------------|--|
| Bact. examination. | No. 2. | Satisfactory - 1.      |  |
|                    |        | Unsatisfactory. - Nil. |  |
| Chem. examination. | No. 2. | Satisfactory - 1       |  |
|                    |        | Unsatisfactory - Nil.  |  |

### PARISHES AND POPULATIONS SUPPLIED.

| <u>PARISH.</u>        | <u>NO. OF HOUSES<br/>SUPPLIED.</u> | <u>POPULATION.</u> |
|-----------------------|------------------------------------|--------------------|
| BREDON.               | 288                                | 1,008              |
| COMBERTON, GT.        | 46                                 | 161                |
| COMBERTON, LT.        | 45                                 | 157                |
| ECKINGTON.            | 171                                | 598                |
| PEOPLETON.            | 59                                 | 207                |
| PINVIN.               | 133                                | 465                |
| WICK.                 | 49                                 | 171                |
| WYRE PIDDLER.         | 82                                 | 287                |
| WHITTINGTON.          | 94                                 | 329                |
| HOLY CROSS, PERSHORE. | 723                                | 2,530              |
| ST. ANDREW, PERSHORE. | 275                                | 962                |
| BIRLINGHAM.           | 20                                 | 70                 |
| BREDON'S NORTON.      | 6                                  | 21                 |
| DEFFORD.              | 15                                 | 52                 |
| STOULTON.             | 23                                 | 80                 |
| BESFORD.              | 6                                  | 21                 |
| NORTON-juxta-KEMPSEY. | 9                                  | 31                 |
| TOTALS.               | 2,044                              | 7,150.             |

There are still a number of houses supplied by means of standpipes (approximately 12).

Sewage Disposal.

Schemes to be prepared by the Consultant Engineers are still being awaited.

Blocks of new Council Houses are accommodated with septic tanks and filtration.

Two small sewerage extensions have been completed. Independent schemes for sewage disposal works to serve new housing sites have been prepared for Wick, Norton and Broughton Hackett parishes. A newly constructed sewage works will serve the Council's new Housing Estate in the Town of Pershore. This will consist of about 200 houses.

During the year 71 houses were connected to the water carriage system.

Sewerage schemes for Pershore Town and Eckington village should be established as soon as possible.

HOUSING.

During the year 36 new houses were erected by the Council, and 9 by other bodies.

Since the war a total of 120 Council Houses have been completed.

INSPECTION AND SUPERVISION OF FOOD.

In addition to the Inspector of Weights and Measures, samples are taken by the Sanitary Department Staff under the Food and Drugs Acts, 1928 - 38. There are 16 registered premises for the sale of ice-cream which are regularly supervised.

There are no slaughter houses in this area.

No cases of food poisoning have been notified.

FACTORIES ACT, 1937.

(1) INSPECTIONS for purposes of provisions as to health (including inspections made by Sanitary Inspectors.)

| PREMISES.   | Number<br>on<br>Regis-<br>ter | NUMBER OF.        |                     |                                    |
|---|-------------------------------|-------------------|---------------------|------------------------------------|
|   |                               | Inspec-<br>tions. | Written<br>Notices. | Occup-<br>iers<br>Prose-<br>cuted. |
| (i) Factories in which Section 1,2,3,4 &6 are to be enforced by local authorities.                            | 18                            | 29                | Nil                 | Nil                                |
| (ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority.                     | 21                            | 26                | Nil                 | Nil                                |
| (iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises). | 4                             | 4                 | Nil                 | Nil                                |
| TOTAL.  | 43                            | 59                | Nil                 | Nil                                |



## (2) CASES IN WHICH DEFECTS WERE FOUND.

| PARTICULARS.  | NUMBER OF CASES IN WHICH DEFECTS WERE FOUND - |           |                        |               | Number of cases in which prosecutions were instituted. |
|---|---|-----------|------------------------|---------------|--|
|   | Found.  | Remedied. | Referred To H.M. Insp. | By H.M. Insp. |  |
| Want of cleanliness.  | 3   | 2         | -                      | -             | -  |
| Overcrowding.   | -   | -         | -                      | -             | -  |
| Unreasonable temperatures.  | -   | -         | -                      | -             | -  |
| Inadequate ventilation  | -   | -         | -                      | -             | -  |
| Ineffective drainage of floors.   | 2   | 2         | -                      | -             | -  |
| Sanitary conveniences (a) sufficient.   | 3   | 3         | -                      | 1             | -  |
| (b) Unsuitable or defective.  | 1   | 1         | -                      | -             | -  |
| (c) Not separate for sexes.   | -   | -         | -                      | 1             | -  |
| Other offences against the Act (not including offences relating to Outworkers.) | -   | -         | -                      | -             | -  |
| TOTAL.  | 9   | 8         | -                      | 2             | -  |

OUTWORK IN UNWHOLESOME PREMISES - SECTIONS 110 AND 111

There were no instances of this during the year.

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS DISEASES..

Notified diseases (other than Tuberculosis) during the year 1948.

| <u>Disease.</u>          | <u>Total cases notified.</u> | <u>Admitted to Hospital.</u> | <u>Total Deaths.</u> |
|--------------------------|------------------------------|------------------------------|----------------------|
| Opthalmia Neonatorum.    | 1                            | -                            | -                    |
| Scarlet Feyer.           | 37                           | 20                           | -                    |
| Diphtheria.              | 2                            | 2                            | -                    |
| Pneumonia.               | -                            | -                            | -                    |
| Measles.                 | 75                           | -                            | -                    |
| Anterior Polio-myelitis. | -                            | -                            | -                    |
| Whooping Cough.          | 17                           | -                            | -                    |

ANALYSIS OF TOTAL NOTIFIED INFECTIOUS DISEASE CASES  
(OTHER THAN TUBERCULOSIS) DURING THE YEAR, 1948.

| AGE GROUPS.   | SCARLET FEVER. | DIPHTHERIA. | PNEUMONIA. | MEASLES. | WHOOPING COUGH. | ANTERIO POLIO-<br>MYELITIS. |
|---------------|----------------|-------------|------------|----------|-----------------|-----------------------------|
| Under 1 year  | 1              | 1           | 1          | 3        | 1               | 1                           |
| 1 - 2 years   | 1              | 1           | 1          | 6        | 1               | 1                           |
| 3 - 4 years   | 1              | 1           | 1          | 29       | 4               | 1                           |
| 5 - 10 years  | 17             | 1           | 1          | 30       | 7               | 1                           |
| 11 - 15 years | 13             | 2           | 1          | 5        | 2               | 1                           |
| 16 - 20 years | 3              | 1           | 1          | 1        | 1               | 1                           |
| 21 - 35 years | 3              | 1           | 1          | 1        | 1               | 1                           |
| 36 - 45 years | 1              | 1           | 1          | 1        | 2               | 1                           |
| 46 - 65 years | 1              | 1           | 1          | 1        | 1               | 1                           |
| 66 and over.  | 1              | 1           | 1          | 1        | 1               | 1                           |
| TOTALS.       | 37             | 2           | 3          | 75       | 17              | 1                           |

SCARLET FEVER.

37 cases were notified as against 21 in the previous year. School children were in the majority. There were no deaths.

WHOOPING COUGH.

17 cases were notified with no fatalities.

DIPHTHERIA.

2 cases occurred, both recovering, the attacks being modified by reason of previous immunisation. Both occurred in a closed community-a residential special school.

There were no further incidents as immunisation had been insisted on prior to admission.

DIPHTHERIA IMMUNISATION.

The table below gives the numbers immunised during the year.

| <u>Numbers Immunised.</u><br><u>(0 - 4 inclusive)</u> | <u>Numbers Immunised</u><br><u>(5 - 14 inclusive).</u> | <u>Total.</u> |
|---|--|---------------|
| 86  | 57   | 143.          |

School reinforcing doses - 75.

SCHOOLS.

No schools were closed by reason of infectious disease occurrence.



# TUBERCULOSIS.

The following table includes notifications and deaths arising from this disease during 1948.

| AGE PERIOD.     | NEW CASES.  |    |                 |    | DEATHS.     |    |                  |    |
|-----------------|-------------|----|-----------------|----|-------------|----|------------------|----|
|                 | Respiratory |    | Non Respiratory |    | Respiratory |    | Non Respiratory. |    |
|                 | M.          | F. | M.              | F. | M.          | F. | M.               | F. |
| YEARS -         |             |    |                 |    |             |    |                  |    |
| 0 -             | -           | -  | -               | 1  | -           | -  | -                | 1  |
| 1 -             | 1           | -  | -               | -  | -           | -  | -                | -  |
| 5 -             | 1           | -  | 1               | 1  | -           | -  | -                | -  |
| 10 -            | -           | 1  | -               | -  | -           | -  | -                | -  |
| 15 -            | 2           | -  | -               | -  | -           | -  | -                | -  |
| 20 -            | 2           | 1  | -               | -  | -           | -  | -                | -  |
| 25 -            | 1           | -  | -               | -  | 1           | 1  | -                | -  |
| 35 -            | -           | 1  | -               | -  | -           | 1  | -                | -  |
| 45 -            | 1           | 3  | -               | -  | 2           | 1  | -                | -  |
| 55 -            | 1           | -  | -               | -  | -           | -  | -                | -  |
| 65 and upwards. | -           | -  | -               | -  | -           | -  | -                | -  |
| TOTALS.         | 9           | 6  | 1               | 2  | 3           | 3  | -                | 1  |
|                 | 15          |    | 3               |    | 6           |    | 1                |    |

Number of deaths from Tuberculosis.

7.

Number notified by death.

4.

The health of this district, as measured by statistics available, can be considered to be of a satisfactory nature.

J.J. MURRAY,

Medical Officer of Health.



# ANNUAL PUBLIC HEALTH REPORT FOR 1948.

MR. CHAIRMAN, LADIES AND GENTLEMEN.

I have the honour once again to present my Annual Report on the Sanitary Officers work undertaken for the year ended 31st December, 1948. This year has been quite a successful one and I believe that the administration is now more efficient under the Public Health and Housing Act, 1936, due to a re-organisation of my Department, and bearing in mind that a separate Committee has been formed since June, 1947, to deal with all aspects of Public Health work. With effect from the 1st January, 1948, a separate statistical annual Sanitary Report is rendered to the County Council and may be inspected at any time.

## SANITARY CIRCUMSTANCES OF THE AREA.

Each Parish is served with regard to the water supply and sanitary arrangements as follows:-

| PARISH.          | WATER SUPPLY.   | SANITARY CIRCUMSTANCES.  |
|------------------|---|--|
| ABBERTON.        | Shallow wells.  | No sewerage, privies and pail latrines.  |
| BESFORD.         | Overbury main supply extension under construction, shallow wells and transport of water.  | Privies and pails, M.D. School has own system with sewage disposal works.  |
| BIRLINGHAM.      | Shallow wells.  | Privies and pails, no main drainage.   |
| BISHAMPTON.      | Shallow wells, water transported from Pershore mains for part of village.   | Privies and pails, no main drainage.   |
| BREDON.          | Overbury main supply, Local Authority Undertakers. Wells.   | Mostly sewered on partially separate system and W.C.'s installed. Sewage discharges via small septic tanks and land irrigation to river. Some pail latrines. |
| BREDON'S NORTON. | Small part of Parish private main supply from Springs. Shallow wells. Collecting area Bredon Hills. Doubtful quality. (N.B. water from Cheltenham Corporation used to boost supply to main Overbury - Pershore supply south of this Village.) | Privies and pails. No main drainage, but some drains carrying sullage discharge into open ditches.   |
| BREDICOT.        | Shallow wells.  | No main drainage. Pails.   |



| PARISH.            | WATER SUPPLY.  | SANITARY CIRCUMSTANCES.   |
|--------------------|--|---|
| BRICKLEHAMPTON.    | Shallow Wells.   | No drainage but some drains carrying sullage discharge into open ditches.   |
| BROUGHTON HACKETT. | Shallow wells. Recent bore hole sunk but unsatisfactory.   | No main drainage. Small sewage disposal works being installed for post-war housing site.  |
| CHARLTON.          | Shallow wells. Several properties supplied from Pershore mains. Water transported.   | No main drainage. Sullage drains into ditches. Small sewage disposal works for post-war housing site.   |
| CHURCHILL.         | Shallow wells.   | No main drainage, privies and pails.  |
| GREAT COMBERTON.   | Independent main supply. Bredon Hill springs - Local Authority maintain. Wells. Temporary chlorination.  | Partly sewered. Post war housing site sewered. Sewage discharged into ditch via septic tank and filter. Part semi-conservancy. Conditions unsatisfactory  |
| LITTLE COMBERTON.  | Independent main supply. Controlled by Parish. Bredon Hill springs. Doubtful quality.  | Some drainage on combined system, septic tanks unsatisfactory. Nuisance being caused in Parish ditches. Part W.C.'s, pails and privies  |
| CROPTHORNE.        | Shallow wells. 60' bore-hole recently sunk, fairly satisfactory.   | Partly drained via septic tanks into river. Small works for post war housing site to be constructed.  |
| DEFFORD.           | Main supply extension from Overbury to Pershore under construction. Local Authority Undertakers. Water transported from main Pershore supply weekly. Water obtained from Cheltenham Corporation to supply R.A.F. Station, Defford. | Some properties sewered and W.C.'s installed. 30 - 40% water conservancy.   |
| DORMSTON.          | Wells (very saline, hard and polluted sources.) Water carted from Pershore mains.  | No drainage or sewerage. Pails and privies.   |
| ECKINGTON.         | Main Overbury supply. Local Authority Undertakers.   | For most part very unsatisfactory sewerage. Sewage discharges into river via one septic tank. 80% semi-conservancy sewage disposal in parts. Sewerage scheme to be submitted to Ministry of Health shortly. (Post war housing halted until sanitary circumstances can be improved.) |

| PARISH.  | WATER SUPPLY.  | SANITARY CIRCUMSTANCES.  |
|--|--|--|
| ELMLEY CASTLE.   | Private main supply. Springs on Bredon Hill. Local Control. Shallow wells.   | Unsatisfactory sewerage to septic tank and ditch. Post-war housing site sewerred, via septic tank to ditch.  |
| FLADBURY.  | Well supplies. Abortive borehole recently sunk to 360' depth.  | Very unsatisfactory. Partly drained. Some septic tanks discharging into river.   |
| FLYFORD FLAVEL.  | Shallow wells. Water transported from Pershore mains.  | Mostly pails and privies. Small section of drain. No sewage disposal works.  |
| GRAFTON FLYFORD.   | Polluted and saline shallow wells. Water transported from main Pershore supply to whole village.   | No drainage or sewerage. Few W.C.'s with independent septic tanks, otherwise privies and pails.  |
| HILL AND MOOR.   | Shallow wells. Water carted.   | For most part pails at Hill. Lower Moor partly sewerred from new Council Housing Site. Some W.C.'s.  |
| HOLY CROSS,<br>PERSHORE (including<br>Wadborough and<br>Drakes Broughton). | Main Overbury Supply.  | Part old and dilapidated brick culverts and sewers discharging into river Avon via several septic tanks. Wadborough no sewerage. Drakes Broughton some drainage into ditches. Some W.C.'s and septic tanks. Pails and privies. Part of this parish to be dealt with under comprehensive sewerage scheme as for St. Andrew, Pershore. |
| KINGTON.   | Shallow wells (very saline and polluted sources). Two abortive boreholes recently sunk to 350'.  | No main drainage. Some private drains into open ditches but mostly privies and pails.  |
| NAUNTON BEAUCHAMP.   | Shallow wells. Brook water used on occasions. Water supply transported to several properties.  | Open ditch drains. Pail latrines.  |
| NETHERTON.   | Private main supply from Elmley Castle.  | No drainage.   |
| NORTH PIDDLER.   | Shallow wells.   | No drainage.   |
| NORTON--juxta-<br>KEMPSEY.   | Shallow and deep wells. Norton Barracks supplied with Worcester Corporation main supply. Successful borehole recently sunk on post war housing site. Water carted to Littleworth in this Parish. | No main drainage. Council house site sewerred via septic tank into open ditch. Post war housing site sewerage scheme proposed with proper sewage disposal works.   |



| PARISH.  | WATER SUPPLY.  | SANITARY CIRCUMSTANCES.  |
|--|--|--|
| PEOPLETON.   | Overbury main supply.<br>Local Authority.  | Culvert sewer discharges direct into ditch. Some W.C.'s dealt with by independent septic tanks.  |
| PINVIN.  | Overbury Main supply.<br>Local Authority.  | Part. drainage into open ditches. Some W.C.'s.   |
| PIRTON.  | Shallow wells.   | No drainage, pail latrines.  |
| ST. ANDREW, PERSHORE<br>(inc. PENSHAM<br>VILLAGE). | Overbury main supply.  | Old and dilapidated sewerage. Sewage discharges into river Avon via septic tanks. Conversions to W.C.'s being carried out. Approx. 40 pail latrines remain in Town. One sewage disposal works constructed recently to deal with approximately 200 houses from post-war housing site. Comprehensive scheme for Pershore submitted to Ministry of Health - 1949. |
| ST. PETER THE GREAT.                               | Main supply - Worcester Corporation.   | No drainage.   |
| SPETCHLEY.   | Part main Worcester Corporation and shallow wells  | Some sullage drains to open ditches. Privies.  |
| STOULTON.  | Small portion - Overbury main supply and shallow wells. Some water carted from Pershore mains. | No drainage. Privies and pails.  |
| STRENSHAM.   | Shallow wells.   | Estate drain.  |
| THROCKMORTON.                                      | Private supply from Estate well. Water transported to this Parish.                             | No drainage except from Council Houses. Pails.   |
| UPTON SNODSBURY.                                   | Shallow wells.   | Some drains discharging into open ditches. 4% on water conservancy system.   |
| WHITE LADIES ASTON.                                | Shallow wells.   | Some drains discharging into open ditches. Some W.C.'s 20% water conservancy.  |
| WHITTINGTON.                                       | Main supply - Worcester Corporation.   | Small part sewered via septic tank to ditch. Some sullage drains to open ditch. 50 - 60% water conservancy.  |
| WICK.  | Main Overbury supply.  | No main drainage. Some septic tanks discharging into open ditches. Proper sewerage and sewage disposal works proposed for Post-War housing site.   |
| WYRE PIDDLE.                                       | Main Overbury supply.<br>Small portion shallow wells.  | For most part drainage to ditch. Sewage disposal via septic tanks. Sewage disposal works with percolating filter being installed for Post-War housing site.  |



## WATER SUPPLY.

Water is obtained from the Overbury Springs on Bredon Hill and is gravitated to Pershore. The Cheltenham Corporation supply water from the River Severn and connect to the Pershore mains at Bredon. This main was laid to supply the Royal Air Force Station at Defford. The Overbury supply is not chlorinated but the Cheltenham Supply is. This main supply has been satisfactory though the private main supply at Little Comberton, Great Comberton and Elmley Castle has been insufficient at times.

## ANALYSES.

### MAIN.

#### (a) RAW WATER.

|                    |         |              |                         |
|--------------------|---------|--------------|-------------------------|
| Bact. examination. | No. 17. | Satis. 6.    | } including independent |
|                    |         | Unsatis. 11. |                         |
| Chem. examination. | No. 17. | Satis. 16.   | } piped Parish Spring   |
|                    |         | Unsatis. 1.  |                         |
|                    |         |              | } Supplies.             |

#### (b) TREATED WATER.

|                    |        |               |
|--------------------|--------|---------------|
| Bact. examination. | No. 2. | Satis. 1.     |
|                    |        | Unsatis. Nil. |
| Chem. examination. | No. 2. | Satis. 1.     |
|                    |        | Unsatis. Nil. |

#### (c) WELL WATER.

Number of samples taken - 64.

|                    | <u>Satisfactory.</u> | <u>Unsatisfactory.</u> |
|--------------------|----------------------|------------------------|
| Bacteriologically. | 17                   | 40                     |
| Chemically.        | 19                   | 29.                    |

Temporary chlorinating apparatus has been installed at Great Comberton, awaiting more permanent equipment.

A £1,500 scheme for a 3" water main extension from Caddicroft Farm Pershore to Besford Bridge has been undertaken.

## TRANSPORT OF WATER.

Water has been transported from Pershore mains to some 12 parishes consistently and involves the fulltime employment of a 1,600 gallon vehicle purchased for the purpose and one employee. The water is deposited in roadside water tanks.

## BOREHOLES.

Five boreholes have been sunk in the district but only one has proved to be completely satisfactory. To the south east of the district the cropping of salt affects the courses of supply.

## PRIVATE MAINS.

The supply from springs on Bredon Hill to Elmley Castle, Little Comberton and Great Comberton have not been entirely satisfactory. Analyses indicated animal contamination around the collecting areas.

## DRAINAGE AND SEWERAGE.

PERSHORE. The present position of existing brick culverts and system of septic tanks is becoming more and more inadequate and injurious to public health. The Town has no proper foul or rain water sewers and no method of disposal. The river Avon is being excessively contaminated. The whole Town has a main supply of water and as the

result of the conversion of approximately 77 pail latrines to water closets during the year the position is even more aggravated. A new sewage disposal works has been constructed to deal with the sewage from approximately 200 new houses on the post war Abbey Grounds Housing Estate.

The Council's Consultant Engineers, Messrs. Willcox, Raikes & Marshall were asked three years ago to prepare a scheme for Pershore but no details have been submitted for the Council's consideration. The Engineers have also been asked to prepare an independent scheme for Eckington.

WHITTINGTON. A new distributor and filter media has been provided at these sewage disposal works.

Small sewerage extensions have been carried out at Great Comberton and Charlton. Independent sewerage schemes for sewage disposal works in connection with Housing sites have been prepared for Wick, Norton and Broughton Hackett.

#### SEWAGE DITCHES.

Many Parishes have been inspected and there is an ever increasing demand for proper sewerage facilities to be provided in most Parishes particularly where the main water supply has been extended.

#### RIVERS AND STREAMS.

There has been one case of canning waste from a Factory at Wyre polluting a local brook. The trade waste is to be subject to treatment in the near future.

#### SANITARY ACCOMMODATION.

Three Church Schools, taken over by the County Education Committee, have installed the water carriage system of sanitation.

#### PUBLIC CLEANSING.

#### SEPTIC TANK AND CESSPOOL EMPTYING.

Approximately 30 septic tank schemes have been provided in the District and a cesspool emptier was hired to cleanse 20 tanks.

#### REFUSE.

From the 1st January, 1948, weekly collections of household refuse were made in Pershore and fortnightly in other Parishes. Paper and other materials continued to be salvaged. Controlled tipping is practiced on one site in Pershore. Part of this site has been raised above flood level and grassed. A contract with Norton Barracks was concluded to remove refuse more regularly.

#### SALVAGE BUILDING.

A new building was erected to deal with the salvage of waste paper and rags.

#### MOVEABLE DWELLINGS.

There was an ever increasing number of persons wishing to occupy moveable and sub-standard dwellings as semi-permanent accommodation due to the Housing shortage. Stricter control was exercised as a result of the Town and Country Planning Act, 1947.

#### DISINFESTATION.

No serious cases were reported and only four houses were found to be infested. "Thermatox" and "D.D.T." were satisfactorily used and steam disinfestation.



### RODENT CONTROL.

|   |     |
|---|-----|
| Number of infestations dealt with at private houses.    | 19. |
| Number of infestations dealt with at business premises. | 12. |
| Number of other infestations dealt with.                | 4.  |
| Number of complaints received.                          | 10. |
| Number of Contracts.                                    | 3.  |

### INSPECTION AND SUPERVISION OF FOOD.

#### MILK.

Dairy farms have been continually inspected in accordance with the Milk and Dairies Order, 1926, and many farms have been much improved. The standard of cleanliness in milk production is much improved, and detergents are widely used.

#### MILK (SPECIAL DESIGNATIONS) REGULATIONS 1936 - 46.

|   |   |                                     |
|---|---|-------------------------------------|
| NO. OF DEALERS LICENCES<br>INC. SUPPLEMENTARY<br>LICENCES ISSUED BY THE<br>LOCAL AUTHORITY DURING<br>THE YEAR IN RESPECT OF:- | TUBERCULIN TESTED MILK.<br>(1) Bottling....1..... | (2) Distribution..1.....            |
|   | ACCREDITED MILK.<br>(1) Bottling....7.....        | (2) Distribution....7.....          |
| NO. OF LICENCES ISSUED<br>IN RESPECT OF "PASTEURISED<br>MILK".  | Pasteurising Plants.<br>Nil.<br>.....             | Retail Distribution.<br>1.<br>..... |

#### FARMS.

|  |             |
|--|-------------|
| Number of Dairy farms.                           | 194.        |
| Approximate number of cows in dairy herds.       | 2,750.      |
| Number of inspections.                           | 65.         |
| Number of milk purveyors.                        | 2.          |
| Number of samples taken.                         | 2. (satis). |
| Number of T.T. milk producers on Register.       | 30.         |
| Number of Accredited milk producers on Register. | 20.         |

#### MEAT AND OTHER FOODS.

One informal case of infringement of transport of meat regulations was satisfactorily completed.

#### ICE-CREAM.

There is no manufacturer of ice-cream in the district but 16 retailers are registered and have satisfactory methods of sale. One case of adulteration was suspected.

#### UNFIT FOODS VOLUNTARILY SURRENDERED.

|                               |             |
|-------------------------------|-------------|
| Meat and Offal.               | Nil.        |
| Bacon/Ham and Poultry.        | 32 lbs.     |
| Cheese.                       | 8 lbs.      |
| Fresh Fruit.                  | 206 lbs.    |
| Prepared foodstuffs and cake. | 15½ lbs.    |
| Fats.                         | 336 lbs.    |
| Fish.                         | 30½ stone.  |
| Eggs.                         | 50¾ dozen.  |
| Tinned milk.                  | 17 tins.    |
| Other canned goods.           | 67 tins.    |
| Vegetables.                   | 4 lbs.      |
| Dried fruit.                  | 70 lbs.     |
| Salad Dressing.               | 2½ gallons. |

#### INFECTIOUS DISEASES.

40 disinfections were carried out during the year using formaline and formaldehyde, and steam disinfection for bedding and linen. Several cases of T.B. huts were dealt with. There have been no outbreaks or abnormalities.



# SUMMARY OF SANITARY INSPECTIONS DURING THE YEAR (OTHER THAN HOUSING).

|   |      |
|---|------|
| Number of premises visited.                                       | 579. |
| Defects or nuisances found.                                       | 75.  |
| Defects or nuisances abated.                                      | 57.  |
| No. of informal notices served.                                   | 14.  |
| No. of statutory notices served.                                  | 44.  |
| New drainage to sewers.   | 120. |
| New drainage to septic tanks.                                     | 30.  |
| Drains repaired.  | 25.  |
| Obstructed drains cleared.  | 38.  |
| Drains tested.  | 136. |
| Number of insanitary lavatories,<br>sinks and urinals dealt with. | 16.  |
| Number of shops visited.  | 24.  |
| Cases under Shops Act, 1934 (informal).                           | 2.   |
| Number of factories inspected.                                    | 38.  |

## HOUSING STATISTICS.

|   |     |
|---|-----|
| Number of new houses erected during the year. |     |
| (1) by the local authority.                   | 36. |
| (2) by other bodies or persons.               | 9.  |

|   |      |
|---|------|
| Inspections of dwelling-houses during the year.   |      |
| (1) Total number of dwelling-houses inspected for<br>housing defects (under Public Health or Housing<br>Acts).  | 186. |
| (2) Number of dwelling-houses found to be in a state<br>so dangerous or injurious to health as to be<br>unfit for human habitation.                                       | 30.  |
| (3) Number of dwelling-houses (exclusive of those<br>referred to under the preceding sub-head) found<br>not to be in all respects reasonably fit for human<br>habitation. | 89.  |

|  |     |
|--|-----|
| Number of defective dwelling-houses rendered fit in<br>consequence of informal action by the local authority<br>or their Officers. | 15. |
|--|-----|

|   |      |
|---|------|
| Action under Statutory Powers during the year.  |      |
| (1) Number of dwelling-houses in respect of which notices<br>were served requiring repairs. | 2.   |
| (2) Number of dwelling-houses which were rendered fit<br>after service of formal notices:-  |      |
| (a) by owners.  | 1.   |
| (b) by local authority in default of owners.  | Nil. |

|  |     |
|--|-----|
| Proceedings under Public Health Acts.  |     |
| (1) Number of dwelling houses in respect of which<br>informal notices were served requiring defects<br>to be remedied. | 40. |
| (2) Number of dwelling-houses in which defects were<br>remedied after service of informal notices.                     | 29. |

|                               |                          |
|-------------------------------|--------------------------|
| Number of overcrowding cases. | Not accurately<br>known. |
|-------------------------------|--------------------------|

The table below indicates that 504 houses have been erected by the Council up to 31st December, 1948.

| PARISH.     | PRE-WAR. | DURING WAR. | POST-WAR. | TOTAL. |
|-------------|----------|-------------|-----------|--------|
| Birlingham. | 6.       | -           | 4         | 10.    |
| Bredon.     | -        | -           | 4         | 4.     |

| PARISH.             | PRE-WAR. | DURING WAR. | POST-WAR.                      | TOTAL. |
|---------------------|----------|-------------|--------------------------------|--------|
| Bishampton.         | 11       | —           | 6                              | 17     |
| Bricklehampton.     | 8        | —           | —                              | 8      |
| Croptorne.          | 10       | —           | 4                              | 14     |
| Comberton Gt.       | —        | —           | 4                              | 4      |
| Comberton Lt.       | 7        | —           | —                              | 7      |
| Charlton.           | 8        | —           | 4                              | 12     |
| Defford.            | 6        | —           | —                              | 6      |
| Drakes Broughton.   | —        | 2           | 4                              | 6      |
| Eckington.          | 8        | —           | 8                              | 16.    |
| Elmley Castle.      | 10       | —           | 4                              | 14.    |
| Fladbury.           | 12       | —           | 10                             | 22     |
| Kinsham.            | 6        | —           | —                              | 6      |
| Naunton Beauchamp.  | 4        | —           | —                              | 4      |
| Norton.             | 14       | —           | —                              | 14.    |
| Lower Moor.         | 12       | —           | 4                              | 16.    |
| Pinvin.             | 44       | —           | 12                             | 56     |
| Peopleton.          | 8        | —           | —                              | 8      |
| Pershore.           | 118      | —           | 30<br>(aluminium<br>bungalows) | 148    |
| Pensham.            | 16       | —           | —                              | 16     |
| Stoulton.           | 8        | —           | 4                              | 12     |
| Throckmorton.       | 6        | —           | —                              | 6      |
| Upton Snodsbury.    | 10       | 2           | 6                              | 18     |
| Whittington.        | 8        | —           | —                              | 8      |
| Westmancote.        | 16       | —           | —                              | 16     |
| Wyre.               | 16       | —           | 8                              | 24     |
| Wick.               | —        | —           | 4                              | 4      |
| White Ladies Aston. | 4        | 4           | —                              | 8      |
| TOTALS.             | 376      | 8           | 120                            | 504.   |

GENERAL REMARKS.

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The main requirements of this district remain:-

- (1) a water supply to many outlying parishes. (A scheme has been submitted to the Ministry of Health for approval.)
- (2) a sewerage scheme for Pershore with proper sewage disposal works. (A scheme in preparation.)
- (3) an independent sewerage scheme and sewage disposal works is most urgent in one of the largest parish of the district - Eckington. Housing development is held up until this scheme is submitted to the Ministry.

I would like to thank Doctor Murray, the Medical Officer of Health, for his valued assistance during the year and also the members of my Department.

I am,  
Yours obediently,

J.W. HOLMES,

Sanitary Inspector.